

WHAT IS CLAIMED IS:

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1. A voice activated Hypermedia system using grammatical metadata, said system comprising:
    - a. a speech user agent;
    - b. a browsing module; and
    - c. an information resource.
  2. The system of Claim 1, wherein said system further includes embedded intelligence in hypermedia source.
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SCB  
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3. The system of Claim 2, wherein said system further includes a means for processing the actions of a user based on said embedded intelligence.
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4. The system of Claim 3, wherein said system further includes a means for returning a result of said actions to said user.
  5. The system of Claim 2, wherein said hypermedia source is a HTML page.
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6. The system of Claim 1, wherein said system further includes an instructional module for communicating allowed actions by a user.
  7. The system of Claim 2, wherein said embedded intelligence is a grammar.
  8. The system of Claim 2, wherein said embedded intelligence is a reference to a grammar.
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9. The system of Claim 7, wherein said grammar is dynamically added to a speech recognizer.
  10. The system of Claim 3, wherein said actions come from a speech recognizer.

11. A voice activated Hypermedia system using grammatical metadata, said system comprising:

- a. a speech user agent;
- b. a browsing module;
- c. an information resource;
- d. a means for extracting a grammar from a hypermedia source for future reference to said source;
- e. a means for modifying said grammar; and
- f. a means for automatically producing an intelligent grammar from said information resource; and
- g. a means for processing said grammar to produce a reference to said hypermedia source.

12. The system of Claim 11, wherein said system further includes a means for tokenizing a title for addition into said grammar.

13. The system of Claim 11, wherein said system includes a means for dynamically adding said grammar to a speech recognizer.

14. A voice activated Hypermedia system using grammatical metadata, said system comprising:

- a. a speech user agent;
- b. a browsing module;
- c. an information resource; and
- d. a means for producing a grammar from textual representation of links to said information resource.

15. The system of Claim 14, wherein said system further includes a means for recognizing sentences from said grammar to follow said links to said information resource.

16. The system of Claim 14, wherein said system further includes a means for adding said

grammars dynamically to said system.

17. The system of Claim 14, wherein said grammars further include word pronunciations.

5 18. The system of Claim 14, wherein said grammars further include multiple options for tokenization.

19. The system of Claim 17, wherein said system further includes a means for dictionary lookup.

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